

# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL				BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS					
1	Acura	TSX		29	2004-2008						1				
2	Alfa Romeo	159		30	2005-2010										[#5]
3	Alfa Romeo	Brera		30	2005-2010										[#5]
4	Alfa Romeo	Giulia		188	2017->		1	1			1				[#1]
5	Alfa Romeo	Giulietta		14	2010->		1*	1*	1*						[#5]
6	Alfa Romeo	MiTo		14	2008->		1*	1*	1*						[#5]
7	Alfa Romeo	Stelvio		188	2017->		1	1			1				[#1]
8	Audi	A1	8X	3	2010->		1	1			1	1	1		
9	Audi	A2	8Z	6	1999-2005		1	1			1	1	1		
10	Audi	A3	8P	3	2003-2008		1				1	1	1		
11	Audi	A3	8P	3	2008-2012		1				1	1	1		
12	Audi	A3	8V	154	2012->		1				1	1	1		
13	Audi	A4	8E	6	2000-2006		1	1	1		1	1	1		
14	Audi	A4	8E	6	2004-2008	After facelift. (FL)	1	1	1		1	1	1		
15	Audi	A4	8K	47	2008-2015		1	1	1		1	1	1		
16	Audi	A4	9L	214	2015->		1				1	1	1		
17	Audi	A5	8T	47	2007->		1	1	1		1	1	1		
18	Audi	A5	F5	214	2017->		1				1	1	1		
19	Audi	A6	4F	7	2004-2011		1	1	1	1	1	1	1		
20	Audi	A6	4G	104	2011->	Keyless trunk DO NOT unlock all doors	1	1			1	1	1		
21	Audi	A6	4G	106	2011->	Keyless trunk unlocks all doors	1	1			1	1	1		
22	Audi	A7	4G	104	2010->	Keyless trunk DO NOT unlock all doors	1	1			1	1	1		
23	Audi	A7	4G	106	2010->	Keyless trunk unlocks all doors	1	1			1	1	1		
24	Audi	A8	4E	7	2002-2009		1	1	1		1	1	1		
25	Audi	A8	4H	104	2009->	Keyless trunk DO NOT unlock all doors	1	1			1	1	1		
26	Audi	A8	4H	106	2009->	Keyless trunk unlocks all doors	1	1			1	1	1		
27	Audi	Q3	8U	3	2011->		1	1			1	1	1		
28	Audi	Q5	8R	47	2008->		1	1	1		1	1	1		
29	Audi	Q5	80A	214	2017->		1				1	1	1		
30	Audi	Q7	4L	7	2005-2015		1	1	1	1	1	1	1		
31	Audi	Q7	4M	214	2015->		1				1	1	1		
32	Audi	R8	42	3	2007->		1	1			1	1	1		
33	Audi	TT	8N	3	1998-2006		1	1	1	1	1	1	1		
34	Audi	TT	8J	3	2006-2009		1	1	1	1	1	1	1		
35	Audi	TT	8J	3	2008-2014		1	1			1	1	1		
36	BMW	1	E81	13	2007-2012		1	1	1	1	1	1	1		
37	BMW	1	E82	13	2007->		1	1	1	1	1	1	1		
38	BMW	1	E87	13	2004-2011		1	1	1	1	1	1	1		
39	BMW	1	E88	13	2007-2011		1	1	1	1	1	1	1		
40	BMW	1	F20	13	2011->		1	1	1	1	1	1	1		
41	BMW	1	F21	13	2011->		1	1	1	1	1	1	1		
42	BMW	2	F22	13	2013->						1				
43	BMW	2	F22	174	2014->						1				
44	BMW	2	F45	174	2013->						1				
45	BMW	2	F46	174	2014->						1				
46	BMW	3	E90	13	2005-2011		1	1	1	1	1	1	1		
47	BMW	3	F30	158	2012-2014						1	1	1		
48	BMW	3	F30	174	2014->						1	1	1		
49	BMW	3	F31	158	2012-2014						1	1	1		
50	BMW	3	F31	174	2014->						1	1	1		
51	BMW	3	F35	158	2012-2014						1	1	1		
52	BMW	3	F35	174	2014->						1	1	1		
53	BMW	3 GT	F34	13	2013->		1	1	1	1	1	1	1		
54	BMW	3 GT	F34	174	2014->						1	1	1		
55	BMW	4	F32	174	2013->						1	1	1		
56	BMW	4	F33	174	2013->						1	1	1		
57	BMW	4	F36	174	2013->						1	1	1		
58	BMW	5	E60	13	2003-2010		1	1	1	1	1	1	1		
59	BMW	5	F10	13	2010->		1	1	1	1	1	1	1		
60	BMW	5	F11	13	2010->		1	1	1	1	1	1	1		
61	BMW	5	G30	211	2017->						1	1	1		
62	BMW	5	G31	211	2017->						1	1	1		
63	BMW	5	G32	211	2017->						1	1	1		
64	BMW	5 GT	F07	13	2009->		1	1	1	1	1	1	1		
65	BMW	6	E63	13	2003-2010		1	1	1	1	1	1	1		
66	BMW	6	E64	13	2003-2010		1	1	1	1	1	1	1		
67	BMW	6	F12	13	2011->		1	1	1	1	1	1	1		
68	BMW	6	F13	13	2011->		1	1	1	1	1	1	1		
69	BMW	7	E65	13	2001-2008		1	1	1	1	1	1	1		
70	BMW	7	E66	13	2001-2008		1	1	1	1	1	1	1		
71	BMW	7	E67	13	2001-2008		1	1	1	1	1	1	1		
72	BMW	7	E68	13	2001-2008		1	1	1	1	1	1	1		
73	BMW	7	F01	13	2008->		1	1	1	1	1	1	1		
74	BMW	7	F02	13	2008->		1	1	1	1	1	1	1		
75	BMW	7	F04	13	2010->		1	1	1	1	1	1	1		
76	BMW	7	G11	211	2015->						1	1	1		
77	BMW	i3	I01	174	2013->						1	1	1		
78	BMW	i8		174	2014->						1	1	1		
79	BMW	X1	E84	13	2009-2015		1	1	1	1	1	1	1		
80	BMW	X1	F48	174	2015->						1	1	1		
81	BMW	X1	F49	174	2015->						1	1	1		
82	BMW	X3	F25	13	2010->		1	1	1	1	1	1	1		
83	BMW	X4	F26	13	2014->		1	1	1	1	1	1	1		
84	BMW	X5	E70	13	2006-2013		1	1	1	1	1	1	1		
85	BMW	X5	F15	174	2013->						1	1	1		
86	BMW	X6	E71	13	2008-2014	With OEM alarm.	1	1	1	1	1	1	1		
87	BMW	X6	E72	13	2008-2014	With OEM alarm.	1	1	1	1	1	1	1		
88	BMW	X6	F16	174	2014->						1	1	1		
89	BMW	Z4	E89	13	2009->		1	1	1	1	1	1	1		
90	Chevrolet	Aveo	T300	82	2011->	check installation diagram for proper level					1	1	1		[#4]
91	Chevrolet	Captiva		49	2006-2011						1	1	1		
92	Chevrolet	Captiva		160	2011->	Version with keyless entry OEM alarm					1	1	1		
93	Chevrolet	Aveo	T300	164	2014->	check installation diagram for proper level					1	1	1		[#4]

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512

FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL								
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
94	Chevrolet	Cruze	J300	82	2008->	check installation diagram for proper level					1	1	1		[#4]
95	Chevrolet	Cruze	J300	147	2008->	check installation diagram for proper level						1			[#4]
96	Chevrolet	Cruze	J300	164	2014->	check installation diagram for proper level					1	1	1		[#4]
97	Chevrolet	Trax		82	2013->	check installation diagram for proper level						1	1	1	[#4]
98	Chrysler	300C		28	2005-2011		1	1		1			1		
99	Chrysler	Grand Voyager		70	2008->		1	1				1	1		
100	Chrysler	PTCruiser		28	2006-2010		1	1				1		1	
101	Chrysler	Town&Country		70	2008->		1	1				1	1		
102	Chrysler	Voyager		70	2008->		1	1				1	1		
103	Citroen	Berlingo II	B9	10	2008->	Enable OEM alarm function in BSI			1			1	1	1	
104	Citroen	C2		10	2005-2010	Enable OEM alarm function in BSI			1			1	1	1	
105	Citroen	C3		10	2005-2009	Enable OEM alarm function in BSI			1			1	1	1	
106	Citroen	C3		10	2009->	Enable OEM alarm function in BSI			1			1	1	1	
107	Citroen	C3		144	2016->										+
108	Citroen	C3 Picasso		10	2009->	Enable OEM alarm function in BSI			1			1	1	1	
109	Citroen	C4	L	10	2004-2010	Enable OEM alarm function in BSI			1			1	1	1	
110	Citroen	C4	N	10	2010->	Enable OEM alarm function in BSI			1			1	1	1	
111	Citroen	C4 Cactus		144	2014->										+
112	Citroen	C4 Picasso		10	2006-2013	Enable OEM alarm function in BSI			1			1	1	1	
113	Citroen	C4 Grand Picasso		10	2006-2013	Enable OEM alarm function in BSI			1			1	1	1	
114	Citroen	C4 Grand Picasso		144	2013->	Version without Keyless Entry.									+
115	Citroen	C4 Grand Picasso		165	2013->	W/keyless.enable OEM alarm function in BSI						1	1	1	
116	Citroen	C5		10	2005-2008	Enable OEM alarm function in BSI			1			1	1	1	
117	Citroen	C5	X7	10	2008->	Enable OEM alarm function in BSI			1			1	1	1	
118	Citroen	C5	X7	79	2008->										
119	Citroen	C-Crosser		40	2007-2011		1	1		1		1	1	1	
120	Citroen	C-Crosser		40	2011->		1	1		1		1	1	1	
121	Citroen	C-Elysee		144	2012->										+
122	Citroen	DS3		10	2008-2015	Enable OEM alarm function in BSI			1			1	1	1	
123	Citroen	DS4		10	2010-2015	Enable OEM alarm function in BSI			1			1	1	1	
124	Citroen	DS5		10	2011-2015	Enable OEM alarm function in BSI			1			1	1	1	
125	Citroen	DS5		165	2011-2015	With keyless, no BSI programming			1			1	1	1	
126	Citroen	Jumper		15	2006-2011										
127	Citroen	Jumper		69	2011->		1*	1*	1*						[#1]
128	Citroen	Jumpy		55	2007->				1				1	1	
129	Citroen	Jumpy		144	2017->										+
130	Citroen	Nemo		69	2007->		1*	1*	1*						[#1]
131	Citroen	Spacetourer		144	2016->										+
132	Dacia	Duster		153	2013->		+	+					1		[#1]
133	Dacia	Dokker		153	2012->		+	+					1		[#1]
134	Dacia	Lodgy		153	2012->		+	+					1		[#1]
135	Dacia	Sandero		153	2012->		+	+					1		[#1]
136	DAF	LF Euro6		201	2013->										
137	DAF	XF Euro6		201	2013->										
138	Dodge	Avenger		28	2007->		1					1		1	
139	Dodge	Durango		28	2004-2009		1	1		1				1	
140	Dodge	Grand Caravan		70	2008->		1	1				1	1		
141	Dodge	Grand Caravan		70	2008->		1	1				1	1		
142	Dodge	Journey		130	2011->		1								[#3]
143	Dodge	Neon		202	2016->										
144	Dodge	Nitro		70	2006-2012		1	1				1	1		
145	Dodge	Ram		70	2009-2012		1	1				1	1		
146	Dodge	Ram		190	2012->							1	1		
147	DS Automobiles	DS3		10	2015->	Enable OEM alarm function in BSI			1			1	1	1	
148	DS Automobiles	DS4		10	2015->	Enable OEM alarm function in BSI			1			1	1	1	
149	DS Automobiles	DS5		10	2015->	Enable OEM alarm function in BSI			1			1	1	1	
150	DS Automobiles	DS5		165	2015->	With keyless, no BSI programming			1			1	1	1	
151	Fiat	500		14	2007->		1*	1*	1*						[#5]
152	Fiat	500 L		14	2012->		1*	1*	1*						[#5]
153	Fiat	500 X		188	2014->							1			[#1]
154	Fiat	Aegea		202	2016->										[#3]
155	Fiat	Bravo		53	2007->		1*	1*	1*						[#5]
156	Fiat	Croma		52	2005-2011										[#5]
157	Fiat	Doblo		14	2010->		1*	1*	1*						[#5]
158	Fiat	Doblo		69	2010->		1*	1*	1*						[#5]
159	Fiat	Ducato III		15	2006-2011										[#5]
160	Fiat	Ducato III FL		69	2011->		1*	1*	1*						[#5]
161	Fiat	Fiorino		14	2007->		1*	1*	1*						[#5]
162	Fiat	Fiorino		69	2007->		1*	1*	1*						[#5]
163	Fiat	Freemont		130	2011->		1								[#3]
164	Fiat	Grande Punto		14	2005-2009		1*	1*	1*						[#5]
165	Fiat	Idea		54	2004-2010										[#5]
166	Fiat	Idea		54	2010-2012										[#5]
167	Fiat	Linea		53	2007->		1*	1*	1*						[#5]
168	Fiat	Panda		53	2003-2012		1*	1*	1*						[#5]
169	Fiat	Panda		14	2012->		1*	1*	1*						[#5]
170	Fiat	Punto Evo		14	2009-2012		1*	1*	1*						[#5]
171	Fiat	Qubo		14	2008->		1*	1*	1*						[#5]
172	Fiat	Qubo		69	2008->		1*	1*	1*						[#5]
173	Fiat	Sedici		44	2006->	Version with Keyless Entry.	1	1	1						[#1]
174	Fiat	Sedici		81	2006->	Version without Keyless Entry.	1	1	1						[#1]
175	Fiat	Scudo II		55	2007->	Enable OEM alarm function in BSI			1				1	1	
176	Fiat	Stilo		54	2001-2005										[#5]
177	Fiat	Stilo		53	2005-2007		1*	1*	1*						[#5]
178	Fiat	Talento		153	2016->		+	+					1		[#1]
179	Fiat	Tipo		202	2016->										[#3]
180	Ford	B-Max		159	2012->							1			[#3]
181	Ford	C-Max	C214	8	2003-2010	Depending on the ECU - level 8 or 36.						1			[#3]
182	Ford	C-Max	C214	36	2003-2010	Depending on the ECU - level 8 or 36.						1			[#3]
183	Ford	C-Max II	Mk.2	114	2010->	Version with Keyless Entry.									[#3]
184	Ford	C-Max II	Mk.2	114	2010->	Version without Keyless Entry.									[#3]
185	Ford	C-Max Grand	Mk.2	114	2010->	Version with Keyless Entry.									[#3]
186	Ford	C-Max Grand	Mk.2	114	2010->	Version without Keyless Entry.									[#3]

\* Coded pulse via dedicated wire  
 \*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015



# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	
280	Kia	Optima		187	2010-2015		1	1			1	1	1		[#2]	
281	Kia	Rio	UB	135	2011->		1				1	1	1		[#2]	
282	Kia	Sorento	XM	108	2009->										[#2]	
283	Kia	Sorento	XM	170	2012->	After facelift. (FL)							1	+	[#2]	
284	Kia	Sorento	UM	166	2014->						1	1				
285	Kia	Soul	AM	136	2010-2012											
286	Kia	Soul	AM	170	2012-2014								1	+	[#2]	
287	Kia	Soul	PS	166	2014->						1	1				
288	Kia	Sportage	SL	109	2010->		1				1	1			[#2]	
289	Lada	Kalina 2		181	2013->										[#1]	
290	Lada	Granta		181	2011->										[#1]	
291	Lada	Priora		181	2013->										[#1]	
292	Land Rover	Discovery 3		80	2004-2009						1					
293	Land Rover	Discovery 4		107	2009-2013						1					
294	Land Rover	Discovery 4		203	2013-2016						1	1				
295	Land Rover	Range Rover Evoque		203	2011->						1	1				
296	Land Rover	Range Rover Sport		80	2005-2009						1					
297	Land Rover	Range Rover Sport		107	2010-2012						1			+		
298	Lexus	GS	S190	60	2005-2012		1									
299	Lexus	HS	ANF20	128	2009->		1	1	1		1	1				
300	Lexus	IS	XE20	124	2005-2013	With OEM alarm.										
301	Lexus	IS	XE30	127	2013->		1	1	1						[#1]	
302	Lexus	NX	AZ10	127	2014->		1	1	1							
303	Lexus	RC	AVC10	127	2014->		1	1	1							
304	Lexus	RX	L10	128	2009-2015		1		1		1	1				
305	MAN	TGE		221	2017->		1				1	1				
306	Mazda	2	DE	103	2007-2014										[#1]	
307	Mazda	2	DJ	138	2014->						1	1			[#1]	
308	Mazda	3	BL	103	2009-2013									1	+	[#1]
309	Mazda	3	BM	138	2013->	Hatchback (2-button OEM remote)					1	1			[#1]	
310	Mazda	3	BM	138	2013->	Sedan (3-button OEM remote)					1	1			[#1]	
311	Mazda	5	CW	103	2010->										[#1]	
312	Mazda	6	GH	45	2007-2012										[#1]	
313	Mazda	6	GJ	138	2012-2015						1	1			[#1]	
314	Mazda	6	GJ	138	2015->	After facelift. (FL)					1	1			[#1]	
315	Mazda	CX-3	DK	138	2015->						1	1			[#1]	
316	Mazda	CX-5	KE	138	2011->						1	1			[#1]	
317	Mazda	CX-5	KE	138	2015->	After facelift. (FL)					1	1			[#1]	
318	Mazda	CX-7		64	2007->										[#1]	
319	Mazda	CX-9		96	2007->										[#1]	
320	Mazda	MX-5	ND	138	2015->						1	1			[#1]	
321	Mercedes	A	W169	91	2004-2012		1	1	1	1	1	1				
322	Mercedes	A	W176	39	2012->		1	1	1	1	1	1				
323	Mercedes	Actros (New)	2 gen.	183	2011->	Instrument cluster CAN, no FMS gate required										
324	Mercedes	Antos		183	2012->											
325	Mercedes	Arocs		183	2013->	Instrument cluster CAN, no FMS gate required										
326	Mercedes	Atego (Euro6)		183	2013->											
327	Mercedes	B	W245	91	2005-2011		1	1	1	1	1	1				
328	Mercedes	B	W246	39	2011->		1	1	1	1	1	1	1			
329	Mercedes	C	W203	93	2000-2007		1	1	1	1	1	1				
330	Mercedes	C	W204	39	2007-2014		1	1	1	1	1	1				
331	Mercedes	C	W205	182	2014->		1	1	1	1	1	1				
332	Mercedes	Citan	W415	57	2012->									1	+	[#1]
333	Mercedes	Citan	W415	210	2012->									1	+	[#1]
334	Mercedes	CL	C215	27	1999-2006		1	1	1	1	1	1				
335	Mercedes	CL	C216	39	2006-2014		1	1	1	1	1	1				
336	Mercedes	CLA	C117	39	2013->		1	1	1	1	1	1				
337	Mercedes	CLK	C208	37	1997-2003	RF transmitter.	1		1	1						
338	Mercedes	CLK	C209	9	2002-2009		1	1	1	1	1					
339	Mercedes	CLS	C219	9	2004-2010		1	1	1	1	1					
340	Mercedes	CLS	C218	65	2010->		1	1	1	1	1	1				
341	Mercedes	E	A207	65	2009->		1	1	1	1	1	1				
342	Mercedes	E	C207	65	2009->		1	1	1	1	1	1				
343	Mercedes	E	W210	19	1995-1997	IR transmitter.	1									
344	Mercedes	E	W210	37	1997-2002	RF transmitter.	1		1	1						
345	Mercedes	E	W211	9	2002-2009		1	1	1	1	1	1				
346	Mercedes	E	W212	39	2009->		1	1	1	1	1	1				
347	Mercedes	E	W213	223	2016->		1	1	1	1	1	1				
348	Mercedes	G	W463	93	2000->		1	1	1	1	1	1				
349	Mercedes	GL	X164	9	2006-2012		1	1	1	1	1	1				
350	Mercedes	GLS	X166	39	2016->		1	1	1	1	1	1				
351	Mercedes	GLA	X156	39	2013->		1	1	1	1	1	1				
352	Mercedes	GLC	X205	182	2015->		1	1	1	1	1	1				
353	Mercedes	GLC	X253	182	2015->		1	1	1	1	1	1				
354	Mercedes	GLE Coupe	C292	39	2015->		1	1	1	1	1	1				
355	Mercedes	GLE Wagon	W166	39	2015->		1	1	1	1	1	1				
356	Mercedes	ML	W164	9	2005-2011		1	1	1	1	1	1				
357	Mercedes	ML	W166	39	2011-2015		1	1	1	1	1	1				
358	Mercedes	R	W251	9	2005-2013		1	1	1	1	1	1				
359	Mercedes	S	W220	27	1998-2003		1	1	1	1	1	1				
360	Mercedes	S	W220	27	2003-2005		1	1	1	1	1	1				
361	Mercedes	S	W221	39	2005-2013		1	1	1	1	1	1				
362	Mercedes	S	W222	182	2013->		1	1	1	1	1	1				
363	Mercedes	SL	R230	27	2001-2011		1	1	1	1	1	1				
364	Mercedes	SLK	R171	92	2004-2011		1	1	1	1	1	1				
365	Mercedes	SLS	C197	39	2010->		1	1	1	1	1	1				
366	Mercedes	Sprinter II	W906	16	2006-2013		1	1	1	1	1	1				
367	Mercedes	Sprinter II	W906	16	2013->		1	1	1	1	1	1				
368	Mercedes	Viano	W639	17	2003->		1	1	1	1	1	1				
369	Mercedes	Vito	W639	17	2003-2014		1	1	1	1	1	1				
370	Mercedes	Vito	W447	195	2015->		1		1	1						
371	Mini	Cabrio	F57	174	2016->						1					
372	Mini	Cooper	R56	13	2006-2013		1	1	1	1	1	1				

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL								
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
373	Mini	Countryman	R60	13	2010-2016		1	1	1	1	1	1			
374	Mini	Countryman	F60	174	2017->								1		
375	Mini	Coupe	R58	13	2012-2015		1	1	1	1	1	1	1	1	
376	Mini	Clubman	F54	174	2016->										
377	Mini	Hardtop	F56	174	2013->										
378	Mini	Hatch	F55	174	2015->										
379	Mini	Paceman	R61	13	2013-2016		1	1	1	1	1	1	1	1	
380	Mini	Roadster	R59	13	2012-2015		1	1	1	1	1	1	1	1	
381	Mitsubishi	ASX		3 gen.	40	2010->	1	1			1	1	1	1	
382	Mitsubishi	L200		177	2015->	Version with Keyless Entry	1	1							
383	Mitsubishi	L200		178	2015->	Version without Keyless Entry.	1	1							
384	Mitsubishi	Lancer		8 gen	40	2007-2011	1	1			1	1	1	1	
385	Mitsubishi	Lancer		8 gen	40	2011->	After facelift. (FL)	1	1			1	1	1	
386	Mitsubishi	Outlander		40	2006-2010		1	1			1	1	1	1	
387	Mitsubishi	Outlander		40	2010-2011		1	1			1	1	1	1	
388	Mitsubishi	Outlander		40	2011-2012		1	1			1	1	1	1	
389	Mitsubishi	Outlander		151	2012->		1	1							
390	Mitsubishi	Space Star		177	2013->	Version with Keyless Entry.	1	1							
391	Mitsubishi	Space Star		178	2013->	Version without Keyless Entry.	1	1							
392	Mitsubishi	Triton		177	2015->	Version with Keyless Entry	1	1							
393	Mitsubishi	Triton		178	2015->	Version without Keyless Entry.	1	1							
394	Nissan	370Z		59	2008->	Version with Keyless Entry.									[#1]
395	Nissan	Altima	L33	102	2012->		1	1				1	1		[#1]
396	Nissan	Cube	Z12	102	2008->		1	1	1						[#1]
397	Nissan	Juke		42	2010->	Version without Keyless Entry.									[#1]
398	Nissan	Juke		102	2010->	Version with Keyless Entry.	1	1							[#1]
399	Nissan	Leaf		220	2010->	Version with Keyless Entry.	1	1							[#1]
400	Nissan	Micra	K12	41	2003-2010										[#1]
401	Nissan	Micra	K13	42	2010-2013										[#1]
402	Nissan	Micra	K13	42	2013-2016										[#1]
403	Nissan	Micra	K13	102	2013-2016	Version with Keyless Entry.	1	1							[#1]
404	Nissan	Micra	K14	222	2016->		1								[#1]
405	Nissan	Murano	Z50	58	2002-2008	Version with Keyless Entry.									[#1]
406	Nissan	Murano	Z50	59	2002-2008	Version without Keyless Entry.									[#1]
407	Nissan	Navara	D40	42	2006-2015	Version without Keyless Entry.									[#1]
408	Nissan	Navara	D40	58	2006-2015	Version with Keyless Entry.									[#1]
409	Nissan	Navara	D23	102	2015->		1	1							[#1]
410	Nissan	NV200		57	2009->										[#1]
411	Nissan	NV200		210	2009->										[#1]
412	Nissan	Note		41	2006-2012										[#1]
413	Nissan	Note II		42	2012->										[#1]
414	Nissan	Note II		102	2012->	Version without Keyless Entry.	1	1							[#1]
415	Nissan	Pathfinder	R51	42	2012->	Version without Keyless Entry.									[#1]
416	Nissan	Pathfinder	R51	58	2005-2012	Version with Keyless Entry.									[#1]
417	Nissan	Pixo		81	2009->										[#1]
418	Nissan	Presage	U31	102	2006-2009		1	1							[#1]
419	Nissan	Pulsar		172	2014->										[#1]
420	Nissan	Qashqai	J10	58	2006-2010	Version with Keyless Entry.									[#1]
421	Nissan	Qashqai	J10	42	2010-2013	Version without Keyless Entry.									[#1]
422	Nissan	Qashqai	J10	58	2010-2013	Version with Keyless Entry. FL									[#1]
423	Nissan	Qashqai	J11	172	2013->										[#1]
424	Nissan	Qashqai +2	NJ10	42	2008-2010	Version without Keyless Entry.									[#1]
425	Nissan	Qashqai +2	NJ10	58	2008-2010	Version with Keyless Entry.									[#1]
426	Nissan	Qashqai +2	NJ10	42	2010->	Version without Keyless Entry. FL									[#1]
427	Nissan	Qashqai +2	NJ10	58	2010->	Version with Keyless Entry. FL									[#1]
428	Nissan	Serena		102	2005-2010		1	1							[#1]
429	Nissan	Tiida		41	2006-2011										[#1]
430	Nissan	Wingroad		102	2006->		1	1							[#1]
431	Nissan	X-trail	T31	42	2007-2014	Version without Keyless Entry.									[#1]
432	Nissan	X-trail	T31	58	2007-2014	Version with Keyless Entry.									[#1]
433	Nissan	X-trail	T32	172	2014->										[#1]
434	Opel	Adam		82	2012->	check installation diagram for proper level						1	1	1	[#4]
435	Opel	Adam		147	2012->	check installation diagram for proper level						1			[#4]
436	Opel	Adam		164	2014->	check installation diagram for proper level						1	1	1	[#4]
437	Opel	Antara		49	2007->										[#4]
438	Opel	Antara		160	2011->	Version with keyless entry OEM alarm									[#4]
439	Opel	Agila	B	44	2007-2015	Version with Keyless Entry.	1	1	1						[#1]
440	Opel	Agila	B	81	2007-2015	Version without Keyless Entry.	1	1	1						[#1]
441	Opel	Astra	H	18	2004-2009										[#1]
442	Opel	Astra	H	217	2004-2009	Cabrio with Keyless									[#1]
443	Opel	Astra	J	82	2009->	check installation diagram for proper level						1	1	1	[#4]
444	Opel	Astra	J	147	2009->	check installation diagram for proper level									[#4]
445	Opel	Astra	K	164	2014->	check installation diagram for proper level						1	1	1	[#4]
446	Opel	Cascada		82	2009->	check installation diagram for proper level						1	1	1	[#4]
447	Opel	Cascada		147	2009->	check installation diagram for proper level									[#4]
448	Opel	Cascada		164	2009->	check installation diagram for proper level						1	1	1	[#4]
449	Opel	Combo	D	14	2011->		1*	1*	1*						[#1]
450	Opel	Combo	D	69	2011->		1*	1*	1*						[#1]
451	Opel	Corsa	D	72	2006-2014	3 door									[#1]
452	Opel	Corsa	D	18	2006-2014	5 door									[#1]
453	Opel	Corsa	E	164	2014->	check installation diagram for proper level									[#4]
454	Opel	Insignia	A	82	2008-2013	check installation diagram for proper level									[#4]
455	Opel	Insignia	A	147	2008-2013	check installation diagram for proper level									[#4]
456	Opel	Insignia	A	164	2014-2017	check installation diagram for proper level									[#4]
457	Opel	Karl		164	2014->										[#4]
458	Opel	Meriva	B	116	2010->										[#4]
459	Opel	Mokka		82	2012->	check installation diagram for proper level									[#4]
460	Opel	Mokka		147	2012->	check installation diagram for proper level									[#4]
461	Opel	Mokka		164	2014->	check installation diagram for proper level									[#4]
462	Opel	Movano B		210	2010->										[#1]
463	Opel	Signum		18	2003-2008		1	1	1	1					[#1]
464	Opel	Vectra	C	141	2002-2009		1	1	1	1					[#1]
465	Opel	Zafira	B	18	2005-2011		1	1	1	1					[#1]

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015



# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL										
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR		
466	Opel	Zafira	C	82	2011->	check installation diagram for proper level						1	1	1			[#4]
467	Opel	Zafira	C	147	2011->	check installation diagram for proper level							1				[#4]
468	Opel	Zafira	C	164	2014->	check installation diagram for proper level						1	1	1			[#4]
469	Opel	Zafira Tourer	C	82	2011->	check installation diagram for proper level						1	1	1			[#4]
470	Opel	Zafira Tourer	C	147	2011->	check installation diagram for proper level							1				[#4]
471	Opel	Zafira Tourer	C	164	2014->	check installation diagram for proper level						1	1	1			[#4]
472	Peugeot	207		10	2006-2012	Enable OEM alarm function in BSI					1						
473	Peugeot	208		144	2012->												
474	Peugeot	2008		144	2013->											+	
475	Peugeot	301		144	2012->											+	
476	Peugeot	307		10	2005-2008	Enable OEM alarm function in BSI					1						
477	Peugeot	308		10	2007-2013	Enable OEM alarm function in BSI					1						
478	Peugeot	308		144	2013->	Version without Keyless Entry.											+
479	Peugeot	308		165	2013->	W/keyless,enable OEM alarm function in BSI							1	1	1		
480	Peugeot	3008		10	2009->	Enable OEM alarm function in BSI					1						
481	Peugeot	3008		218	2016->	Version with Keyless							1				
482	Peugeot	407		11	2004-2011						1						
483	Peugeot	4007		40	2007-2011						1						
484	Peugeot	4007		40	2011-2012						1						
485	Peugeot	508		10	2010->	Enable OEM alarm function in BSI					1						
486	Peugeot	508		10	2010->	W/keyless,enable OEM alarm function in BSI					1						
487	Peugeot	5008		10	2009->	Enable OEM alarm function in BSI					1						
488	Peugeot	Bipper		69	2008->						1*	1*	1*				[#1]
489	Peugeot	Boxer		15	2006-2011												
490	Peugeot	Boxer		69	2011->						1*	1*	1*				[#1]
491	Peugeot	Expert		55	2007-2016	Enable OEM alarm function in BSI								1	1	1	
492	Peugeot	Expert II		144	2016->												+
493	Peugeot	Partner II		10	2008->	Enable OEM alarm function in BSI								1	1	1	
494	Peugeot	Traveller		144	2016->												+
495	Porsche	911	997	66	2004-2008								1	1			
496	Porsche	Cayenne		20	2002-2010						1	1	1	1			
497	Porsche	Cayenne		77	2002-2010						1	1	1	1			
498	Porsche	Cayenne		104	2010->	Keyless trunk <b>DO NOT</b> unlock all doors					1	1	1	1			
499	Porsche	Cayenne		106	2010->	Keyless trunk unlocks all doors					1	1	1	1			
500	Porsche	Cayman	987	66	2006-2013								1	1			
501	Porsche	Cayman	981	106	2013->						1	1	1	1			
502	Porsche	Macan	95B	106	2013->						1	1	1	1			
503	Porsche	Panamera		104	2009->	Keyless trunk <b>DO NOT</b> unlock all doors					1	1	1	1			
504	Porsche	Panamera		106	2009-2016	Keyless trunk unlocks all doors					1	1	1	1			
505	Renault	Captur		153	2013->						+	+					
506	Renault	Clio III GrandTour		51	2008-2012										1		[#1]
507	Renault	Clio III	R	51	2005-2012										1	+	[#1]
508	Renault	Clio IV	X98	153	2012->						+	+			1		[#1]
509	Renault	Espace IV	JK	25	2003-2014												+
510	Renault	Espace V		194	2015->									1			[#1]
511	Renault	Fluence		50	2009->												[#1]
512	Renault	Grand Modus		51	2008-2012												[#1]
513	Renault	Kadjar		194	2015->									1			[#1]
514	Renault	Kangoo II	X61	57	2008->											1	+
515	Renault	Kangoo II	X61	210	2008->											1	+
516	Renault	Koleos II		194	2016->									1			[#1]
517	Renault	Laguna II Facelift	G	25	2005-2007	After facelift. (FL)											+
518	Renault	Laguna III	T	50	2007->												[#1]
519	Renault	Latitude		50	2010->												[#1]
520	Renault	Master III		210	2010-2014											1	+
521	Renault	Master III FL		210	2014->											1	+
522	Renault	Megane II		209	2002-2009												+
523	Renault	Megane III	B95	50	2008->												[#1]
524	Renault	Megane IV		194	2015->												[#1]
525	Renault	Megane Generation	B95	50	2010->												[#1]
526	Renault	Megane GrandTour	B95	50	2009->												[#1]
527	Renault	Modus		51	2008-2012											1	+
528	Renault	Scenic III		50	2009->												[#1]
529	Renault	T		197	2013->												[#1]
530	Renault	Talisman		194	2015->												[#1]
531	Renault	Traffic III		153	2014->												[#1]
532	Renault	Twingo		153	2014->												[#1]
533	Saab	9-3 Face lift	YS3F	67	2003-2011												[#4]
534	Saab	9-5	YS3G	82	2010-2012												[#4]
535	Seat	Alhambra	7V	3	2009->									1	1	1	
536	Seat	Altea	5P	3	2004-2009									1	1	1	
537	Seat	Altea	5P	3	2008-2015									1	1	1	
538	Seat	Altea Freetrack		3	2007-2009									1	1	1	
539	Seat	Altea Freetrack		3	2008-2015									1	1	1	
540	Seat	Altea XL	5P	3	2006-2009									1	1	1	
541	Seat	Altea XL	5P	3	2008-2015									1	1	1	
542	Seat	Ateca		214	2017->												
543	Seat	Cordoba	6L	4	2002-2009												
544	Seat	Exeo	3R	6	2008-2013												
545	Seat	Ibiza III	6L	4	2002-2008												
546	Seat	Ibiza IV	6J	73	2008-2015												
547	Seat	Ibiza IV FL	6J	154	2015->												
548	Seat	Leon I	1M	1	1999-2001												
549	Seat	Leon I	1M	2	2001-2005												
550	Seat	Leon II	1P	3	2005-2009												
551	Seat	Leon II	1P	3	2008-2012												
552	Seat	Leon III	5F	154	2012->												
553	Seat	Mii		73	2010->												
554	Seat	Toledo II	1M	1	1999-2001												
555	Seat	Toledo II	1M	2	2001-2004												
556	Seat	Toledo III	5P	3	2004-2009												
557	Seat	Toledo IV		73	2012->												
558	Skoda	Citigo		73	2012->												

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 3/11, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 7/5, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

LIST OF CARS FOR **TYTAN®GPS** DS512  
FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL				BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS					
559	Skoda	Fabia I	6Y	4	1999-2007		1	1	1	1	1	1			
560	Skoda	Fabia II	5J	4	2007-2010						1	1			
561	Skoda	Fabia II	5J	73	2010-2014	After facelift. (FL)			1		1	1	1		
562	Skoda	Fabia III	NJ	154	2014->						1	1			
563	Skoda	Kodiaq		214	2016->		1				1	1			
564	Skoda	Octavia I	1U	1	1996-2001										
565	Skoda	Octavia I	1U	2	2001-2010		1	1		1					
566	Skoda	Octavia II	1Z	3	2004-2009		1	1	1	1	1	1	1		
567	Skoda	Octavia II	1Z	3	2009-2012		1	1		1	1	1	1		
568	Skoda	Octavia III	5E	154	2012->	Version without Keyless Entry.	1				1	1			
569	Skoda	Octavia III	5E	154	2012->	Version with Keyless Entry.	1				1	1			
570	Skoda	Rapid	73	2012-2015	After facelift. (FL)						1	1	1		
571	Skoda	Rapid		154	2015->						1	1			
572	Skoda	Roomster	5J	4	2006-2010						1	1			
573	Skoda	Roomster	5J	73	2010->	After facelift. (FL)					1	1	1		
574	Skoda	Superb I	3U	2	2001-2008		1	1		1					
575	Skoda	Superb II	3T	3	2008-2015						1	1	1		
576	Skoda	Superb III	3V	154	2015->		1				1	1	1		
577	Skoda	Yeti		3	2009->		1	1		1	1	1			
578	Subaru	BRZ		143	2012->										[#1]
579	Subaru	Forester	SH	61	2008-2013	Version without Keyless Entry.	1	1						+	[#1]
580	Subaru	Forester	SH	75	2008-2013	Version with Keyless Entry.	1	1						+	[#1]
581	Subaru	Forester	SJ	161	2013-2016	Version with Keyless Entry.	1	1						+	[#1]
582	Subaru	Forester	SJ	161	2016-2017		1	1						+	[#1]
583	Subaru	Forester	SJ	161	2017->		1	1						+	[#1]
584	Subaru	Impreza	GR	61	2007-2012	Version without Keyless Entry.	1	1						+	[#1]
585	Subaru	Impreza	GR	75	2007-2012	Version with Keyless Entry.	1	1						+	[#1]
586	Subaru	Legacy	BP	75	2006-2009	Estate	1	1						+	[#1]
587	Subaru	Legacy	BL	78	2006-2009	Sedan	1	1						+	[#1]
588	Subaru	Legacy		75	2009-2014	Estate	1	1						+	[#1]
589	Subaru	Legacy		78	2009-2014	Sedan	1	1						+	[#1]
590	Subaru	Outback		75	2003-2009	Estate	1	1						+	[#1]
591	Subaru	Outback		78	2003-2009	Sedan	1	1						+	[#1]
592	Subaru	Outback	BR	83	2010-2013	Version with Keyless Entry.	1	1							[#1]
593	Subaru	Outback	BR	162	2013-2015		1	1						+	[#1]
594	Subaru	Outback	BS	161	2015-2017		1	1						+	[#1]
595	Subaru	Outback	BS	161	2017->		1	1							[#1]
596	Subaru	XV		161	2015->	Version with Keyless Entry.	1	1							[#1]
597	Suzuki	Alto		81	2009->									+	[#1]
598	Suzuki	Celerio		81	2014->									+	[#1]
599	Suzuki	Grand Vitara III		44	2005-2009	Version with Keyless Entry.	1	1	1						[#1]
600	Suzuki	Grand Vitara III		81	2005-2009	Version without Keyless Entry.	1	1	1					+	[#1]
601	Suzuki	Splash		44	2008-2014	Version with Keyless Entry.	1	1	1						[#1]
602	Suzuki	Splash		81	2008-2014	Version without Keyless Entry.	1	1	1					+	[#1]
603	Suzuki	SX4		44	2006-2013	Version with Keyless Entry.	1	1	1						[#1]
604	Suzuki	SX4		81	2006-2013	Version without Keyless Entry.	1	1	1					+	[#1]
605	Suzuki	SX4		163	2013->		1	1	1					+	[#1]
606	Toyota	GT86	ZN6	142	2012->										[#1]
607	Toyota	Alphard	12	97	2008->		1	1	1		1				[#1]
608	Toyota	Aurion	NZT26	97	2007->		1	1	1		1				[#1]
609	Toyota	Auris	E15	97	2006-2012		1	1	1		1				[#1]
610	Toyota	Auris	E18	127	2012->		1	1	1		1				[#6]
611	Toyota	Avensis	T27	32	2009-2012		1	1	1		1				[#1]
612	Toyota	Avensis	T27	212	2012->	After facelift. (FL)	1	1	1		1				[#6]
613	Toyota	Aygo	KSP9	100	2006->		1	1	1		1				[#1]
614	Toyota	Blade	AZE15	97	2006->		1	1	1		1				[#1]
615	Toyota	C-HR		208	2016->		1	1							[#1]
616	Toyota	Camry	XV40	97	2006-2011		1	1	1		1				[#1]
617	Toyota	Corolla	E15	97	2006-2013		1	1	1		1				[#1]
618	Toyota	Corolla	E16	127	2012->		1	1	1		1				[#1]
619	Toyota	Corolla	E17	127	2013->		1	1	1		1				[#6]
620	Toyota	Corolla Axio	14	97	2006->		1	1	1		1				[#1]
621	Toyota	Corolla Fielder	14	97	2006->		1	1	1		1				[#1]
622	Toyota	Corolla Rumion	15	97	2007->		1	1	1		1				[#1]
623	Toyota	Crown	S200	100	2008-2012		1	1	1		1	1			[#1]
624	Toyota	Crown Hybrid	GWS20	100	2008->		1	1	1		1	1			[#1]
625	Toyota	Crown Majesta	S20	100	2008->		1	1	1		1	1			[#1]
626	Toyota	Estima	5	97	2006->		1	1	1		1				[#1]
627	Toyota	Estima Hybrid	AHR20	97	2006->		1	1	1		1				[#1]
628	Toyota	HiLux	AN120	127	2015->										[#1]
629	Toyota	Ist	NCP1	99	2007->		1								[#1]
630	Toyota	iQ	KGJ10	100	2008-2014		1				1				[#1]
631	Toyota	Land Cruiser	J200	98	2007-2012		1	1	1		1	1			[#1]
632	Toyota	Land Cruiser Prado	J150	99	2009->		1	1	1		1				[#1]
633	Toyota	Mark X	x13	100	2009->		1	1	1		1				[#1]
634	Toyota	Mark X Zio	1	97	2007->		1	1	1		1				[#1]
635	Toyota	Noah	7	97	2007->		1	1	1		1				[#1]
636	Toyota	Premio	26	97	2007->		1	1	1		1				[#1]
637	Toyota	Prius	ZVW3#	97	2009-2016		1	1	1		1				[#1]
638	Toyota	Prius	ZVW3#	105	2009-2016		1	1	1		1				[#1]
639	Toyota	Prius	ZVW5#	208	2016->		1	1							[#1]
640	Toyota	ProAce		145	2016->									+	[#1]
641	Toyota	RAV4	ACA3	32	2005-2009		1				1				[#1]
642	Toyota	RAV4	ACA3	32	2009-2013		1				1				[#1]
643	Toyota	RAV4	XA40	127	2013-2016		1	1	1		1				[#1]
644	Toyota	RAV4	XA40	127	2016->	CAN-bus OBD connection is not allowed	1	1	1		1				[#1]
645	Toyota	Sai	AZK10	100	2009->		1	1	1		1	1			[#1]
646	Toyota	Urban Cruiser		32	2009->		1				1				[#1]
647	Toyota	Vanguard	14	32	2006->		1				1				[#1]
648	Toyota	Vanguard	14	97	2006->						1				[#1]
649	Toyota	Vellfire	12	97	2008->		1	1	1		1				[#1]
650	Toyota	Verso		48	2009->		1				1				[#1]
651	Toyota	Verso		212	2013->		1	1	1		1				[#6]

\* Coded pulse via dedicated wire

\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015

# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL				BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN-ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS					
652	Toyota	Vitz	P9	32	2008->		1		1		1				[#1]
653	Toyota	Voxy	7	97	2007->		1	1	1		1				[#1]
654	Toyota	Wish	E2	97	2009->		1	1	1		1				[#1]
655	Toyota	Yaris	XP9	48	2006-2011		1		1		1				[#1]
656	Toyota	Yaris	XP13	127	2011->		1	1	1		1				[#6]
657	Toyota	Yaris	XP13	192	2011->	With deadlock	1	1	1		1				[#6]
658	Volkswagen	Amarok		73	2010->						1	1	1		
659	Volkswagen	Arteon		214	2017->		1				1	1			
660	Volkswagen	Bora	1J	1	1998-2001										
661	Volkswagen	Bora	1J	2	2001-2005		1	1		1	1				
662	Volkswagen	Caddy	2K	3	2004-2010		1	1	1	1	1	1	1		
663	Volkswagen	Caddy	2K	3	2010-2015		1	1		1	1	1	1		
664	Volkswagen	Caddy	2K	3	2015->		1	1		1	1	1	1		
665	Volkswagen	Caravelle	T5	4	2003-2010		1	1	1	1	1	1			
666	Volkswagen	Caravelle	T5GP	73	2010-214						1	1	1		
667	Volkswagen	Caravelle	T6	73	2014->						1	1	1		
668	Volkswagen	CC	3C	3	2012->		1	1		1	1	1			
669	Volkswagen	Crafter		16	2006-2017		1	1	1	1	1	1	1		
670	Volkswagen	Crafter		221	2017->		1				1	1			
671	Volkswagen	Eos	1F	3	2006-2010		1	1	1	1	1	1	1		
672	Volkswagen	Eos	1F	3	2010->		1	1		1	1	1	1		
673	Volkswagen	Golf IV	1J	1	1997-2001										
674	Volkswagen	Golf IV	1J	2	2001-2003		1	1		1	1	1	1		
675	Volkswagen	Golf V	1K	3	2003-2009		1	1	1	1	1	1	1		
676	Volkswagen	Golf VI	1K	3	2008-2012		1	1		1	1	1	1		
677	Volkswagen	Golf VI	1K	129	2008-2012	Door lock control w/o dead lock	1	1		1	1	1	1		
678	Volkswagen	Golf VII	AU	154	2012->	Version with Keyless Entry.					1	1			
679	Volkswagen	Golf VII	AU	154	2012->	Version without Keyless Entry.					1	1			
680	Volkswagen	Golf Plus	1K	3	2005-2009		1	1	1	1	1	1	1		
681	Volkswagen	Golf Plus	1K	3	2009->		1	1		1	1	1	1		
682	Volkswagen	Jetta V	1K	3	2005-2009		1	1	1	1	1	1	1		
683	Volkswagen	Jetta V	1K	3	2008-2010		1	1		1	1	1	1		
684	Volkswagen	Jetta VI	1B	3	2010->		1	1		1	1	1	1		
685	Volkswagen	Multivan	T5	4	2003-2010		1	1	1	1	1	1			
686	Volkswagen	Multivan	T5GP	73	2010-2014						1	1	1		
687	Volkswagen	Multivan	T6	73	2014->						1	1	1		
688	Volkswagen	New Beetle	1C/1Y/9C	1	1997-2001										
689	Volkswagen	New Beetle	1C/1Y/9C	2	2001-2011		1	1		1	1				
690	Volkswagen	Passat B5	3B	1	1996-2000										
691	Volkswagen	Passat B5GP	3B	2	2000-2005		1	1		1	1				
692	Volkswagen	Passat B6	3C	3	2005-2009		1	1	1	1	1	1	1		
693	Volkswagen	Passat B6	3C	3	2008-2010		1	1		1	1	1	1		
694	Volkswagen	Passat B6	3C	129	2005-2009	Door lock control w/o dead lock	1	1	1	1	1	1	1		
695	Volkswagen	Passat B6	3C	129	2008-2010	Door lock control w/o dead lock	1	1		1	1	1	1		
696	Volkswagen	Passat B7	3C	3	2010-2015		1	1		1	1	1	1		
697	Volkswagen	Passat B8	B8	154	2015->		1				1	1			
698	Volkswagen	Passat CC	3C	3	2008->		1	1		1	1	1	1		
699	Volkswagen	Polo	9N	4	2001-2005		1	1	1	1	1	1			
700	Volkswagen	Polo	9N3	4	2005-2009	After facelift. (FL)			1		1	1			
701	Volkswagen	Polo	6R	73	2009-2014						1	1	1		
702	Volkswagen	Polo	6C	154	2014->		1				1	1			
703	Volkswagen	Scirocco	13	3	2008->		1	1		1	1	1			
704	Volkswagen	Sharan	7N	3	2010->		1	1		1	1	1	1		
705	Volkswagen	Phaeton	3D	20	2002->	If the doors are not detected set parameter 77	1	1	1	1	1	1	1		
706	Volkswagen	Phaeton	3D	77	2002->		1	1	1	1	1	1	1		
707	Volkswagen	Touareg	7L	20	2002-2010	If the doors are not detected set parameter 77	1	1	1	1	1	1	1		
708	Volkswagen	Touareg	7L	77	2002-2010		1	1	1	1	1	1	1		
709	Volkswagen	Touareg	7P5	104	2010->	Keyless trunk <b>DO NOT</b> unlock all doors	1	1			1	1			
710	Volkswagen	Touareg	7P5	106	2010->	Keyless trunk unlocks all doors	1	1			1	1			
711	Volkswagen	Tiguan	5N	3	2007-2009		1	1	1	1	1	1	1		
712	Volkswagen	Tiguan	5N	3	2008-2011		1	1		1	1	1	1		
713	Volkswagen	Tiguan	5N	3	2011-2016		1	1		1	1	1	1		
714	Volkswagen	Tiguan		214	2016->		1				1	1			
715	Volkswagen	Tiguan Allspace		214	2017->		1				1	1			
716	Volkswagen	Touran	1T	3	2003-2006		1	1	1	1	1	1	1		
717	Volkswagen	Touran (GP)	1T	3	2006-2010		1	1	1	1	1	1	1		
718	Volkswagen	Touran (GP2)	1T	3	2010->		1	1		1	1	1	1		
719	Volkswagen	Transporter	T5	4	2003-2010		1	1	1	1	1	1	1		
720	Volkswagen	Transporter	T5GP	73	2010-2014						1	1	1		
721	Volkswagen	Transporter	T6	73	2014->						1	1	1		
722	Volkswagen	Up		73	2011->						1	1	1		
723	Volkswagen	Vento	6C	154	2014->		1				1	1			
724	Volvo	C30		157	2006-2012	If does not work use other Volvo levels									
725	Volvo	FL Euro6		197	2013->										
726	Volvo	FM Euro6		197	2013->										
727	Volvo	FH Euro6		197	2013->										
728	Volvo	FH13 Euro6		197	2013->										
729	Volvo	S40	M	26	2004-2012	If does not work use other Volvo levels								+	
730	Volvo	S60	P24	76	2000-2004	If does not work use other Volvo levels									
731	Volvo	S60	P24	38	2004-2009	If does not work use other Volvo levels									
732	Volvo	S60	P24	21	2004-2009	If does not work use other Volvo levels									
733	Volvo	S60	Y20	155	2010->	If does not work use other Volvo levels	1				1	1			
734	Volvo	S60	Y20	156	2010->	If does not work use other Volvo levels					1	1			
735	Volvo	S80	TS	24	2001-2005	If does not work use other Volvo levels	1	1							
736	Volvo	S80	TS	35	2001-2005	If does not work use other Volvo levels									
737	Volvo	S80	TS	21	2005-2009	If does not work use other Volvo levels									
738	Volvo	S80	AS	90	2009-2012	If does not work use other Volvo levels	1				1	1			
739	Volvo	S80 Facelift	AS	156	2012->	If does not work use other Volvo levels					1				
740	Volvo	V40		185	2012->		1								
741	Volvo	V50	M	26	2004-2007	If does not work use other Volvo levels								+	
742	Volvo	V50	M	157	2007-2012	If does not work use other Volvo levels								+	
743	Volvo	V60		155	2011->	If does not work use other Volvo levels	1				1	1			
744	Volvo	V70	P26	56	2000-2004	If does not work use other Volvo levels									

\* Coded pulse via dedicated wire  
\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015



# LIST OF CARS FOR **TYTAN®GPS** DS512 FIRMWARE VERSION **0423**

factory default - parameter 1 - level 3 (v242)

NO	BRAND	MODEL	CODE	LEVEL CAN	YEAR	NOTE	CAN-BUS CONTROL									
							CENTRAL DOOR LOCKING	TRUNK RELEASE	HAZARD LIGHTS	POWER WINDOWS	BONNET	OEM ALARM	REVERSE GEAR SIGNAL	CAN+ANALOGUE ALARM FUNCTION	** CAN-BUS IN OBD CONNECTOR	
745	Volvo	V70	24	21	2005-2007	If does not work use other Volvo levels	1					1	1			
746	Volvo	V70	24	35	2005-2007	If does not work use other Volvo levels	1					1	1			
747	Volvo	V70	24	38	2005-2007	If does not work use other Volvo levels	1					1	1			
748	Volvo	V70	24	90	2007-2013	If does not work use other Volvo levels	1					1	1			
749	Volvo	V70		156	2013->	If does not work use other Volvo levels						1				
750	Volvo	XC60		90	2008-2013	If does not work use other Volvo levels	1					1	1			
751	Volvo	XC60		155	2013-2017	If does not work use other Volvo levels	1					1				
752	Volvo	XC60		156	2013-2017	If does not work use other Volvo levels						1				
753	Volvo	XC70	P2	24	2000-2004	If does not work use other Volvo levels										
754	Volvo	XC70	P2	35	2000-2004	If does not work use other Volvo levels										
755	Volvo	XC70	P2	21	2004-2007	If does not work use other Volvo levels										
756	Volvo	XC70	P2	35	2004-2007	If does not work use other Volvo levels										
757	Volvo	XC70	P24	90	2007-2013	If does not work use other Volvo levels	1					1	1			
758	Volvo	XC70		156	2013->	If does not work use other Volvo levels						1				
759	Volvo	XC90		34	2002-2005	If does not work use other Volvo levels	1	1								
760	Volvo	XC90		35	2002-2005	If does not work use other Volvo levels	1	1								
761	Volvo	XC90		56	2002-2005	If does not work use other Volvo levels	1	1								
762	Volvo	XC90		21	2005-2007	If does not work use other Volvo levels	1	1								
763	Volvo	XC90		90	2007-2012	If does not work use other Volvo levels	1					1	1			
764	Volvo	XC90		155	2012-2013		1					1				

\* Coded pulse via dedicated wire

\*\* OBD connection: [#1] CAN1 pins 6/14, [#2] CAN2 pins 6/14, [#3] CAN1 pins 3/11, CAN2 pins 6/14, [#4] CAN1 only CAN-H pin 9, [#5] CAN1 pins 1/9, [#6] CAN1 pins 6/14 may not work in cars manufactured after 2015